

Errata to Divine Proportions

- Page 3: Line 8 should be

$$\theta_1 \approx 34.05^\circ \quad \theta_2 \approx 101.54^\circ \quad \theta_3 \approx 44.42^\circ.$$

- Page 22: $(1 - 1/2 + 1/3 - 1/4 + \dots)^2$ should be $(1 - 1/3 + 1/5 - 1/7 + \dots)^2$
- Page 34 (top): The first two equations should end in $4(p_1 - p_2)^2 q_2$ instead of $4(p_1 - p_2)^2 q_1$, and the third equation should have a minus sign instead of a plus sign, to read

$$(p_1 - p_2)^4 - 2(p_1 - p_2)^2 (q_1 + q_2) + (q_1 - q_2)^2 = 0.$$

- Page 34 (bottom): ' $p_1 = p_2$ or $p_1 - p_2 = \pm 2q$.' should be ' $p_1 = p_2$ or $(p_1 - p_2)^2 = 4q$.'
- Page 46: In line after (3.1) 'are' should be 'is'
- Page 51 (top): 'associate' should be 'associated'
- Page 52: Figure caption should be 'Successive...'
- Page 54: In Exercise 4.4 l_1 might also be equal to l .
- Page 69: In Exercise 5.17, insert condition 'distinct' before 'numbers'
- Page 72: Exercise 7.9 is incorrect
- Page 75 Line 8: 'non-parallel' should be 'non-perpendicular'
- Page 96: Line 11 should read $(25/34)/13 = (100/221)/8 = (25/26)/17 = 25/442$
- Page 97: There is an extraneous period
- Page 127: Line 9 should be ' $Q(A_1, F) = Q_2^2/Q_3$ $Q(A_2, F) = Q_1^2/Q_3$ $Q(A_3, F) = Q_1 Q_2/Q_3$ '
- Page 128: In Exercise 10.11 remove the second statement
- Page 134: In Theorem 74 insert the condition that $\overline{A_1 A_2 A_3}$ is a non-null triangle
- Page 171: First diagram has too many points (some of quadrance 8)
- Page 189: In Example 17.3, insert condition 'cyclic' in front of 'quadrilateral'
- Page 195: 'Since $M_3 P_3$ is a diagonal...' should be 'Since $M_3 P_3$ is a diameter...'
- Page 266: Figure should have point labelled A rather than P
- Page 271: Figure should have points labelled A and A_{12} rather than P and P_{12}
- Page 283 (top): The equation should be

$$\left(s - \frac{Q + A}{4A}\right)^2 = \frac{Q}{4A}.$$

Errata will also be posted at <http://wildegg.com>.